

Docket No.:03343/000I048-US0

Inventor: Patrick Kerpan

Title: TEMPORAL CONTEXT PROGRAMMING IN OBJECT-

ORIENTED ENVIRONMENTS

REPLACEMENT SHEET Sheet 1 of 6

## FIG. 1

## **Object Oriented Runtime Comparison**

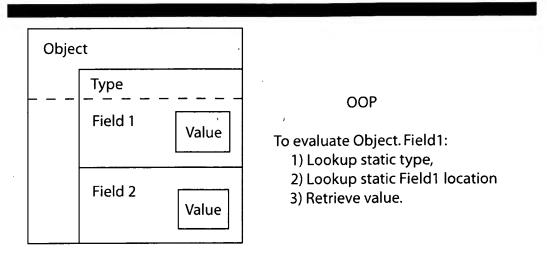
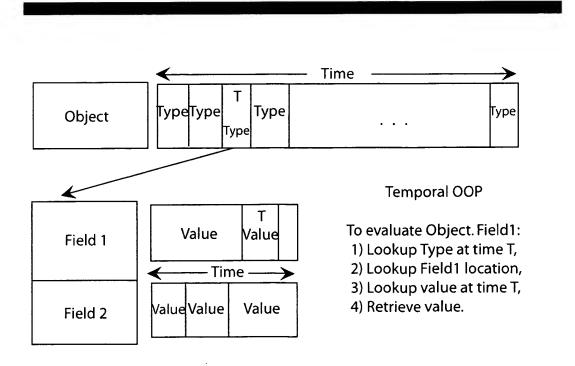


FIG. 2



Docket No.:03343/000I048-US0

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Title: TEMPORAL CONTEXT PROGRAMMING IN OBJECT-

ORIENTED ENVIRONMENTS

REPLACEMENT SHEET

Sheet 2 of 6

FIG. 3

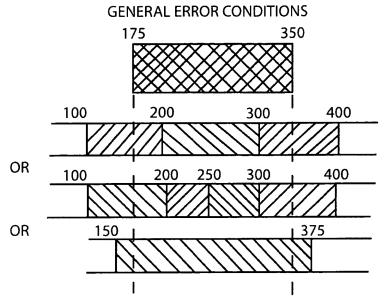


FIG. 4

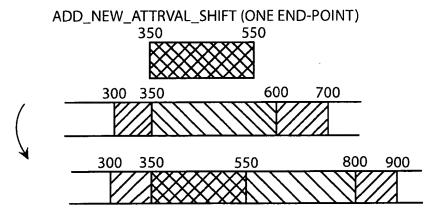
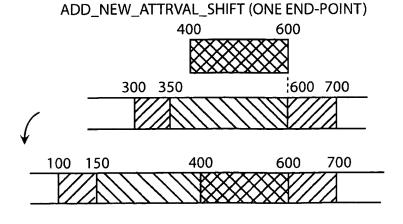


FIG.5



Appln. No.: 09/755,955 Docket No.:03343/000I048-US0

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Title: TEMPORAL CONTEXT PROGRAMMING IN OBJECT-

ORIENTED ENVIRONMENTS

REPLACEMENT SHEET

Sheet 3 of 6

FIG.6

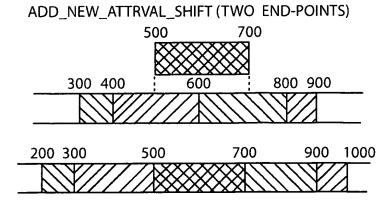


FIG. 7

**GENERAL ERROR CONDITIONS** 

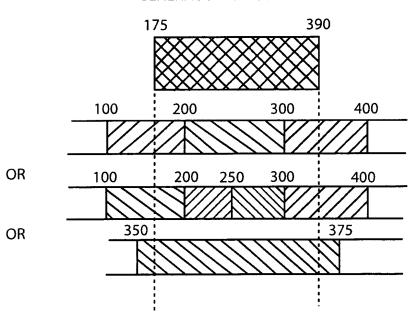


FIG.8

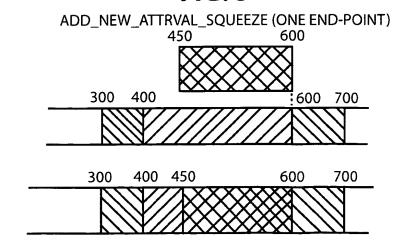
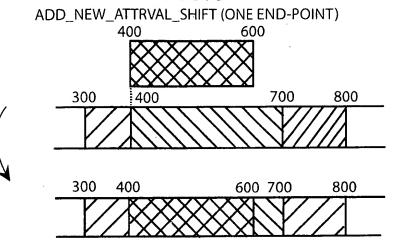


FIG.9



**FIG. 10** 

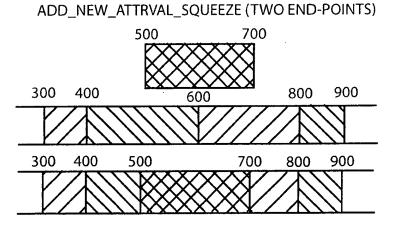
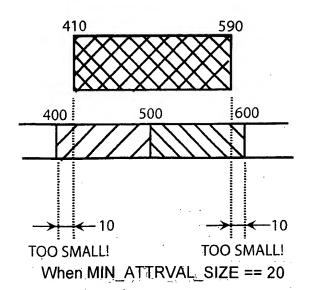


FIG. 11 ERROR CONDITION-ADD\_NEW\_ATTRVAL\_SQUEEZE



Docket No.:03343/0001048-US0

Sheet 4 of 6

Fitle: TEMPORAL CONTEXT PROGRAMMING IN OBJECT-Inventor: Patrick Kerpan

Appln. No.: 09/755,955

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**ORIENTED ENVIRONMENTS** 

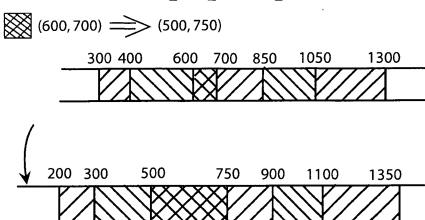
REPLACEMENT SHEET

Sheet 5 of 6

Docket No.:03343/000I048-US0

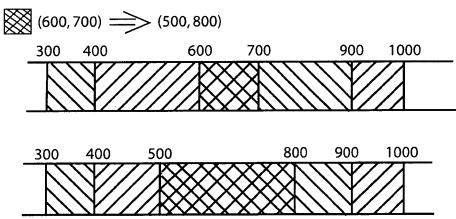
## FIG. 12

FINAL\_EDIT\_ATTRVAL\_SHIFT



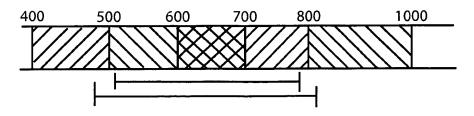
**FIG. 13** 

VFINAL\_EDIT\_ATTRVAL\_SQUEEZE



**FIG. 14** 

ERROR CONDITION-FINAL\_EDIT\_ATTRVAL\_SQUEEZE



(600, 700) (510, 790) NEIGHBORS BECOME TOO SMALL

(600,700) (490,810) NEIGHBORS' BOUNDARIES EXCEEDED BY NEW ATTRVAL FROM/TO RANGE

When MIN\_ATTRVAL\_SIZE == 20 (for example)

Docket No.:03343/0001048-US0

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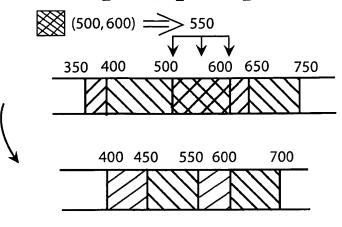
ORIENTED ENVIRONMENTS

REPLACEMENT SHEET

Sheet 6 of 6

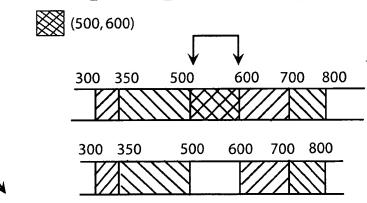
FIG. 15

FINAL\_REMOVAL\_ATTRVAL\_SHIFT



**FIG. 16** 

FINAL\_REMOVAL\_ATTRVAL\_LEAVE\_GAP



**FIG. 17** 

FINAL\_REMOVAL\_ATTRVAL\_FILL

